



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY  
BREATH ALCOHOL PROGRAM

RECEIVED

By Carol Day at 8:32 am, Jun 16, 2014

INTOX DMT MAINTENANCE REPORT

REPORT #1

Complete this report at the time of the regular monthly preventive maintenance check (not to exceed 35 days).  
Complete this report whenever the instrument is serviced or repaired and whenever it is placed into service.  
Retain the original and send a copy within 15 days to the Breath Alcohol Program, DHSS.

INTOX DMT SN 500046	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 06/14/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 10 N.E. Tudor Road, Lee's Summit, MO 64086		TIME OF INSPECTION 08:56:57

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or is operating within established limits. (Write in observed values where determined). Unmarked items must be corrected before using instrument.

☒ DIAGNOSTIC RECORD

DATE AND TIME 06/14/2014 08:56:59

☒ DETECTOR

☒ PROGRAM

☒ FILTER 1

☒ SAMPLE CHAMBER 48.7°C

☒ FILTER 2

☒ BREATH TUBE 42.9°C

☒ FILTER 3

☒ PUMP

☒ INTERNAL STANDARD

BREATH ANALYZER ACCURACY STANDARDS

☐ SIMULATOR STANDARD

☒ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER ILMO

LOT # 21913080A5

EXP. DATE 09/01/2015

☒ SIMULATOR TEMP (34°C ± 0.2°C) 34°

SIMULATOR SN F-26192

SIMULATOR EXP DATE 01/02/15

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Mark the box corresponding to the standard being used.

☐ 0.10% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE

☒ 0.08% STANDARD - MUST READ BETWEEN 0.076% AND 0.084% INCLUSIVE

☐ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE

TEST 1: 0.077

TEST 2: 0.078

TEST 3: 0.077

☒ PERFORM R.F.I. TEST

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:

REFUSALS: 0

0-04: 1

05-09: 0

10-14: 0

15-19: 0

OVER 19: 0

LIST ANY NEW PARTS AND DESCRIBE ANY ALTERATION OR MODIFICATION THAT WAS MADE TO RESTORE THE INSTRUMENT TO OPERATE SATISFACTORILY AND WITHIN ESTABLISHED LIMITS (USE OTHER SIDE IF NECESSARY)

CARD READER ADDED. CALIBRATION CONDUCTED 60TH F26192 EXP 01/02/15  
60TH LOT # 13290 EXP 10/27/15

INSPECTING OFFICER

SIGNATURE 	PRINT FULL NAME DANIEL D WOHLER	
TYPE II PERMIT NUMBER 240119	EXPIRATION DATE 03/11/2016	TELEPHONE NUMBER 816-622-0800

RETURN COMPLETED REPORT TO THE Breath Alcohol Program, MO Department of Health and Senior Services  
Southeast District Office  
2375 James Blvd, Poplar Bluff, MO 63901



**GUTH LABORATORIES, INC.**

200 NORTH 6TH STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-644-5470

## CERTIFICATE OF ANALYSIS

### Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13290 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 31, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1202% (w/vol) ethyl alcohol. The expiration date for this lot number is October 29, 2015 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

**NIST Traceability:**

Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 whose values are traceable to NIST.  
All balances are calibrated annually by an outside agency using NIST traceable weights.  
Calibration verification is done prior to each use utilizing NIST traceable weights.

# CALIBRATION FACTORS

Missouri State Highway Patrol  
INTOX dmt: 500046

Date: 06/14/2014  
Time: 08:47:43

OPERATOR NAME:  
DANIEL D WOHLER  
PERMIT NUMBER: 240119  
EXPIRATION DATE: 03/11/2016

LOT #: 13290  
SUPPLIER: GUTH  
EXPIRATION: 10/29/2015

Ca	=	0.1000		
ADJ	=	1.000730	0.800 <=	ADJ < 1.200
b1	=	0.0005	0.0000 <=	b1 < 0.0040
b2	=	0.0058	0.0010 <=	b2 < 0.0100
b3	=	0.0010	0.0000 <=	b3 < 0.0040
Xq	=	0.1425	0.0500 <=	Xq < 0.2500
a21	=	1.203535	1.050 <=	a21 < 1.300
a31	=	0.431794	0.300 <=	a31 < 0.800

T. F. D. 741394